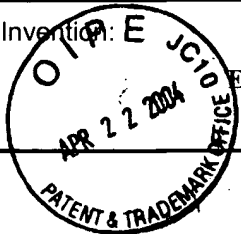


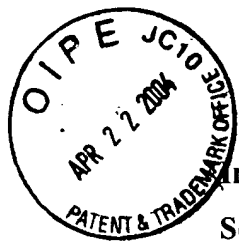


AMENDMENT TRANSMITTAL LETTER (Small Entity)			Docket No. P 6040.13007		
Applicant(s): Karl Guthrie, et al.					
Serial No. 10/749,728	Filing Date December 30, 2003	Examiner	Group Art Unit		
Invention: E JC10 EXPANSION BOLT 					
<u>TO THE COMMISSIONER FOR PATENTS:</u>					
Transmitted herewith is an amendment in the above-identified application.					
<input type="checkbox"/> Small Entity status of this application has been established under 37 CFR 1.27 by a verified statement previously submitted.					
<input type="checkbox"/> A verified statement to establish Small Entity status under 37 CFR 1.27 is enclosed.					
The fee has been calculated and is transmitted as shown below.					
CLAIMS AS AMENDED					
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	31 -	22 =	9 x	\$9.00	\$81.00
INDEP. CLAIMS	4 -	3 =	1 x	\$43.00	\$43.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$124.00
<input type="checkbox"/> No additional fee is required for amendment.					
<input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____					
<input checked="" type="checkbox"/> A check in the amount of \$124.00 to cover the filing fee is enclosed.					
<input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 02-2451					
<input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16.					
<input type="checkbox"/> Any patent application processing fees under 37 CFR 1.17.					
 Signature			Dated: April 19, 2004		
Geoffrey K. Cooper, Reg. No. 51, 266 BIRDWELL & JANKE, LLP 1100 SW Sixth Avenue, Suite 1400 Portland, Oregon 97204 Tel: 503-228-1841			I certify that this document and fee is being deposited on April 20, 2004 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.		
			 Signature of Person Mailing Correspondence		
			L. H. Rouske Typed or Printed Name of Person Mailing Correspondence		

cc:



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
PATENT EXAMINING OPERATIONS

Inventor: Karl Guthrie, et al.

Group Art Unit:

Serial No.: 10/749,728

Examiner:

Filed: December 30, 2003

Docket: P6040.13007

Title: EXPANSION BOLT

Certificate of Mailing

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail under 37 CFR 1.08 addressed to: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450, on April 20, 2004.

L.H. Rouske
L.H. Rouske

BIRDWELL & JANKE, LLP
1100 SW Sixth Avenue, Suite 1400
Portland, Oregon 97204

April 20, 2004

AMENDMENT

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Greetings:

Please enter the following amendments to the above referenced application.

Thank you very much.

Sincerely,

Geoffrey K. Cooper

Geoffrey K. Cooper
Reg. No. 51,266

04/22/2004 FFAAEIA 00000070 10749728

01 FC:2201
02 FC:2202

43.00 OP
81.00 OP

Amendment

In the Detailed Description of a Preferred Embodiment:

Throughout: Substitute “frustum” for “frustrum”.

Amend the paragraph on Page 7 starting at line 1 as is shown below:

As is common in the art, the expansion bolt 10 includes a cable 12 having at a chock at a distal end thereof. According to the invention, a center or inner chock 14 is provided having an outer surface 13, the center or inner chock preferably being of a wedge or frustoconical shape. ~~and a~~ A cooperating outer chock assembly 15 is provided to engage the center chock and to accommodate linear movement of the cable 12 along a longitudinal axis “L” with respect thereto. For example, the cable may be passed through a hole 18 in a collar 20 supporting the chock assembly 15.

Amend the paragraph on Page 8 starting at line 4, adding the following after the last sentence of the paragraph:

However the outer surface 13 of the inner chock 14 and the inner surfaces 16a and 17a of outer chocks 16 and 17 may be flat without departing from the character of the invention.

Amend the paragraph on Page 9 starting at line 7, adding the following after the last sentence of the paragraph:

It is recognized that the complementary frustoconical surfaces may be of a greater or lesser radial expanse, having a greater or lesser expanse of curved surface, without departing from the invention.

Amend the paragraph on Page 15 starting at line 6 as shown below:

A loop 80 is provided at a proximal end of the cable providing an anchoring eye for connection to, e.g. a safety harness. The cable is carried through the loop by a metal guard 82 for protecting the cable from being cut by anchoring hardware. The cable extends through a collar 84 that has an outer diameter "D" that is sized to fit the hole in which the expansion bolt 70 is to be inserted. The collar 84 ~~bears~~ is adapted to bear on the surface of the object around so hole so that it is prevented from passing through the hole to avoid inadvertent over-insertion of the expansion bolt, which could result in making the bolt extremely difficult or impossible to remove from the hole. The collar includes two, preferably flexible, control cables 86a, 86b attached respectively to the outer chocks.

Amend the paragraph on Page 15 starting at line 14 as follows:

The bolt 70 preferably has a cleaning bushing 73 similar to that described above in connection with Figure 4. In this example the cleaning bushing 73 has a sufficiently small diameter face 74 that the control cables 86 do not pass through the cleaning bushing. The cleaning bushing may be struck using a hammer and a long tool such as a punch or screwdriver to release the expansion bolt when the trigger 84 is jammed, accessing the bushing by placing the punch past the trigger and into the hole until it contacts the cleaning bushing, then striking the head of the punch which serves to drive the inner chock in a distal direction, contracting the radial expansion of the chocks and releasing the expansion bolt.